

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	B23B27/022.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 16:22
L2	1	B23B27/22.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 16:22
L3	1012	B23B027/22.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 16:32
L4	806	B23B027/22.ipc.	EPO; JPO; DERWENT	OR	ON	2007/02/09 16:23
L5	6	("1567004").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/09 16:36
L6	2	("19854873").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/09 16:36
L7	2	("2000117512").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/09 16:36
L17	99	(cut\$4 and (plate or cutter or insert or bit) and clamp\$3 and trough). clm.	US-PGPUB; USPAT	OR	ON	2007/02/09 16:45
L18	6	(cut\$4 and (plate or cutter or insert or bit) and clamp\$3 and trough and coaxial\$3).clm.	US-PGPUB; USPAT	OR	ON	2007/02/09 16:45
S1	681	407/102,106,107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 09:59

## EAST Search History

S2	1364	407/109,111,113.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/08 16:59
S3	1215	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 13:52
S4	346	S1 and clamp\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 13:53
S5	47	S1 and clamp\$3 and (trough or depression or ridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:28
S6	2	("5733073").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/29 14:00
S7	2	("5788427").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/29 14:01
S8	2	("20040256608").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/29 14:01
S9	2	("20050254907").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/29 14:02
S10	2	("20050253319").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/29 14:02
S11	2	S1 and clamp\$3 and (trough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:02

## EAST Search History

S12	299	S4 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:06
S13	0	("2003/0086766").URPN.	USPAT	OR	ON	2006/04/29 14:16
S14	3	("3156032").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/29 14:17
S15	2	"09001995"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:17
S16	9	"9001995"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:17
S17	4	("3156032").URPN.	USPAT	OR	ON	2006/04/29 14:24
S18	3	S1 and clamp\$3 and dimple	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:27
S19	149	S2 and clamp\$3 and (trough or depression or ridge or dimple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:29
S20	131	S19 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:28
S21	26	S2 and clamp\$3 and (trough or dimple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:54
S22	107	S20 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:32

## EAST Search History

S23	43	S2 and clamp\$3 and cavity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:54
S24	43	S2 and clamp\$3 and cavit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 14:54
S25	681	407/102,106,107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:58
S26	1364	407/109,111,113.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:58
S27	1215	S26 not S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:58
S28	47	S25 and clamp\$3 and (trough or depression or ridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:58
S29	1215	S27 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:58
S30	149	S26 and clamp\$3 and (trough or depression or ridge or dimple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:58
S31	1084	S29 not S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:59
S33	26	S26 and clamp\$3 and (trough or dimple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:59

## EAST Search History

S35	1084	S31 not S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:59
S36	43	S26 and clamp\$3 and cavity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:59
S37	1056	S35 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 17:59
S38	7	("5447208"   "5628590"   "5836723").PN. OR ("6017172"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:09
S39	26	("4116576"   "4218160"   "4247232"   "4681488"   "4755086"   "4787784"   "4856942"   "4859122").PN. OR ("4963061"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:19
S40	68	(bolt or fastner) with (step\$4 near head)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:23
S41	8	("4832664"   "4921472"   "5045032"   "5662540"   "5665019"   "5846150").PN. OR ("6120403"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:21
S42	0	(bolt or screw or fastner) and ((double adj step\$4) near head)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:25
S43	1	((double adj step\$4) near head)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:24
S44	0	(bolt or screw or fastner) and ((double near step\$4) near head)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:25
S45	744	(bolt or screw or fastner) and ((double near step\$4) and head)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:25
S46	285	(bolt or screw or fastner) and ((double near step\$4) and head)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:25
S47	20	(bolt or screw or fastner) and ((double near step\$4) with head)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/29 18:25

## EAST Search History

S48	14	"930860"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 20:18
S49	3	"9930860"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/29 20:21
S50	2	("4480950").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/17 16:25
S51	3	("3156032").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/17 16:32
S52	10	"075177"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:32
S53	2	("0075177").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/17 16:32
S54	46	"0075177"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:33
S55	15	"901995"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:34
S56	10	"075177"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:35
S57	5127271	EP "075177"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/10/17 16:35

## EAST Search History

S58	1403	407/109,111,113.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 16:22
S59	17	("4065223"   "4449864"   "4539875"   "4606679"   "4681487"   "4754789"   "4812087").PN. OR ("5147158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 17:49
S60	17	("3662444"   "4430031"   "4475851"   "4477212"   "4615650"   "4697963"   "4963061"   "5141367"   "5147158"   "5314269"   "5685672"   "5820311"   "5957629"   "6017172").PN. OR ("6609859"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 17:50
S61	7	("5447208"   "5628590"   "5836723").PN. OR ("6017172"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/17 17:54
S62	2	("4480950").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/10/26 13:16
S63	1428	407/109,111,113.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/08 17:07
S64	2	("5788427").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/08 17:07
S65	14	("5178645"   "5639285"   "5722803"   "5776552"   "5791831"   "5830813"   "5861135"   "5924824"   "5944462"   "6117533"   "6161990"   "6315502"   "6331497"   "6344149").PN. OR ("6742970"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:13
S66	0	("2005/0271483").URPN.	USPAT	OR	ON	2007/02/08 17:36
S67	10	("5147159"   "5249894"   "5791832"   "D347012"   "D362859"   "D366882"   "D390854"   "D393270"   "D395663"   "D396479").PN. OR ("6123488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/08 17:36

## EAST Search History

S68	688	407/102,106,107.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/09 10:00
S69	19	("2799079"   "3084416"   "3102326"   "3303553"   "3314126"   "3683473"   "3703755"   "3731356"   "4189264"   "4252038"   "4714384"   "4938639"   "5944457"   "6146062").PN. OR ("6682273"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 10:19
S70	29	("0280148"   "2240404"   "3299489"   "3341921"   "3399442"   "3525136"   "3629919"   "3754309"   "3762005"   "4477212"   "4480950"   "5494383"   "5611649"   "5658100"   "5704737"   "5820311"   "5915889"   "6116824"   "D347012").PN. OR ("6379087"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 13:46
S71	2	("6017171").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/09 13:47
S72	12	("3213716"   "3535759"   "4093392"   "4919573"   "5000625"   "5082400"   "5221162"   "5597268"   "5658100").PN. OR ("6017171"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/09 13:48